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PATENT
ATTORNEY DOCKET NO.: JHU1220-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Lee and Esquela Art Unit: 1646
Application No.: 09/361,655 Examiner: P. Mertz
Filed: July 27, 1999
Title: METHODS OF DETECTING LIVER CELLS EXPRESSING GROWTH
DIFFERENTIATION FACTOR-12 (Twice Amended)

Box NON-FEE AMENDMENT
Commissioner for Patents
Washington, DC 20231

RECEIVED

JUN 11 2002

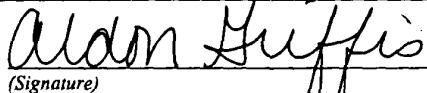
TECH CENTER 1600/2900

TRANSMITTAL SHEET

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to the Office Action mailed February 25, 2002 (8 pages w/ Exhibit A);
2. Change of Attorney Address (1 page); and
3. Return Receipt Postcard.

| CERTIFICATION UNDER 37 CFR §1.8 | |
|--|------------------------|
| I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, May 28, 2002, in an envelope addressed to: Box NON-FEE AMENDMENT, Commissioner for Patents, Washington, D.C. 20231. | |
| Aldon Griffis (Name of Person Mailing Paper) | |
|  (Signature) | May 28, 2002 (Date) |

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Lee and Esquela
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PATENT
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The Fee for this Response is calculated as follows:

| For | Claims Remaining After Amendment | Highest Number Previously Paid For | Extra Claims | Small Entity Rate | Large Entity Rate | Calculations |
|-----------------------|-------------------------------------|---------------------------------------|-----------------|----------------------|-------------------|--------------|
| Total Claims | 9 | 20 | 0 | x \$09 | x \$18 | \$.00 |
| Independent Claims | 2 | 3 | 0 | x \$42 | x \$84 | \$.00 |
| Multiple Claims | | | | \$140 | \$280 | \$.00 |
| Basic Filing Fee | | | | \$370 | \$740 | \$.00 |
| | | | | | TOTAL FEE | \$.00 |

No fee is deemed necessary in connection with the filing of this paper. However, if a fee is required, the Commissioner is hereby authorized to charge any other fees associated with the filing submitted herewith, or credit any overpayments to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: May 28, 2002



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